App #:   10-520879

EAST SEARCH HISTORY

Databases: US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB

Ref#	Hits	Search Text
S1	1	10/520879
S2	13	(finger or fingerprint) and (determin$4 near (living or alive)) and resist$3
S3	15	(("2002520079") or ("2003111749") or ("0823885") or ("10290796") or ("10289304") or ("2000020684") or ("2001000422") or ("9259272") or ("2002279413") or ("2003075135") or ("2000172833") or ("10165382") or ("2002112980") or ("2002162204") or ("11185020") or ("10240942")).PN.
S4	159	(finger or fingerprint or skin) and (detect$3 near (living or alive)) and resist$3
S5	6	(("0919420") or ("1075936") or ("200310138") or ("2002112975") or ("200098048")).PN.
S6	524	biometric recognition
S7	1	S6 and signal and (finger or skin) and ((determin$4 or detect$4) near (living or alive))
S8	55	signal and ((determin$4 or detect$4) near (living or alive)) and resist$4 and biometric
S9	19	("3622989" | "3639905" | "3781855" | "4210899" | "4353056" | "4784484" | "5077803" | "5095278" | "5419826" | "5623552" | "5629764" | "5635723").PN. OR ("6175641").URPN.
S10	1	S9 and (alive or living)
S11	30	("3639905").URPN.
S12	4	S11 and (alive or living)
S13	44	("3639905" | "4607385" | "4736203" | "5073950" | "5335288").PN. OR ("5594806").URPN.
S14	3	S13 and (alive or living)
S15	12	("4394773" | "4931629" | "5509083" | "5594806" | "5673338" | "5745046" | "5838306" | "5991431" | "6219793" | "6320974" | "6525932" | "6681034").PN.
S16	20	("4135147" | "4151512" | "4185270" | "4438824" | "4532508" | "4582985" | "4646352" | "4783823" | "4993068" | "5144680" | "5268963" | "5280527" | "5384846" | "5450491" | "5469506" | "5509083" | "5541994" | "5559504" | "5581630" | "5613012").PN.
S17	3	S15 and resist$4
S18	6	S13 and resist$3
S19	2	(finger or fingerprint) and (recogni$4 near (living or alive)) and resist$3
S20	1	("6011860").PN.
S21	1	("2003165261").PN.
S22	1	("7184581").PN.
S23	1	("2003072475").PN.
S24	2	biometric identification systems and teruhiko
S25	5	LIVING BODY DETECTING DEVICE
S26	2	6314195
S27	2	("2005058160").PN.
S28	1	("6647133").PN.
S29	1	("2003044051").PN.
S30	1	("20030044051").PN.
S31	1	("5990804").PN.
S32	1	("6501284").PN.
S33	1	("6144757").PN.

S34	18	(US-20030072475-$ or US-20030044051-$).did. or (US-6175641-$ or US-3639905-$ or US-6898299-$ or US-5594806-$ or US-6914517-$ or US-4394773-$ or US-5745046-$ or US-5745591-$ or US-6011860-$ or US-7184581-$ or US-6314195-$ or US-6647133-$ or US-5990804-$ or US-6501284-$ or US-6144757-$).did. or (WO-2005058160-$).did.
S35	11	S34 and resist$3
S36	3	S35 and ac
S37	18	(US-20030072475-$ or US-20030044051-$).did. or (US-6175641-$ or US-3639905-$ or US-6898299-$ or US-5594806-$ or US-6914517-$ or US-4394773-$ or US-5745046-$ or US-5745591-$ or US-6011860-$ or US-7184581-$ or US-6314195-$ or US-6647133-$ or US-5990804-$ or US-6501284-$ or US-6144757-$).did. or (WO-2005058160-$).did.
S38	7	S37 and resistor
S39	3	S37 and ac
S40	3	S37 and phase
S41	1599	(382/124).CCLS.
S42	0	S41 and finger and resistor and (difference near phase) and (alive or living or animate)
S43	2	S41 and finger and resistor and phase and (alive or living or animate)
S44	1	LIVING MATTER IDENTIFICATION DEVICE
S45	0	S41 and resistor and (difference near phase) and (alive or living or animate) and ac
S46	1	S41 and resistor and phase and (alive or living or animate) and ac
S47	65	(SHIMAMURA adj TOSHISHIGE)
S48	887	(SHIGEMATSU adj SATOSHI) or (SATO adj NORIO)
S49	335	(URANO adj MASAMI) or (MACHIDA adj KATSUYUKI)
S50	1136	S47 or S48 or S49
S51	6	S50 and phase and resistor
S52	13	("4771268" | "5541580" | "5565658").PN. OR ("5990804").URPN.
S53	257	(animate or alive or living) and resistor and phase and ac and finger
S54	1	("5,963,679").PN.
S55	24	(US-20030072475-$ or US-20030044051-$ or US-20030157587-$ or US-20030036054-$ or US-20010053535-$).did. or (US-6175641-$ or US-3639905-$ or US-6898299-$ or US-5594806-$ or US-6914517-$ or US-4394773-$ or US-5745046-$ or US-6011860-$ or US-7184581-$ or US-6314195-$ or US-6647133-$ or US-5990804-$ or US-6501284-$ or US-6144757-$ or US-4771268-$ or US-5541580-$ or US-6181808-$ or US-5963679-$).did. or (WO-2005058160-
S56	8	S55 and AC
S57	11	S55 and impedance
S58	8	S55 and impedance and ac
S59	1	("20030036054").PN.
S60	172	(animate or alive or living) and resistor and phase and ac and finger and impedance
S61	24	(US-20030072475-$ or US-20030044051-$ or US-20030157587-$ or US-20030036054-$ or US-20010053535-$).did. or (US-6175641-$ or US-3639905-$ or US-6898299-$ or US-5594806-$ or US-6914517-$ or US-4394773-$ or US-5745046-$ or US-6011860-$ or US-7184581-$ or US-6314195-$ or US-6647133-$ or US-5990804-$ or US-6501284-$ or US-6144757-$ or US-4771268-$ or US-5541580-$ or US-6181808-$ or US-5963679-$).did. or (WO-2005058160-
S62	1	S61 and imaginary
S63	0	(phase near imaginary) and (real near amplitude) and (382/124).ccls.
S64	0	(phase near imaginary) and (real near amplitude) and biometric
S65	21	(phase near imaginary) and (real near amplitude)
S66	23	S61 and reference
S67	267	Setlak and finger
S68	272	Setlak and fingerprint
S69	16	S68 and resistor and phase and amplitude

S70	25	(US-20030072475-$ or US-20030044051-$ or US-20030157587-$ or US-20030036054-$ or US-20010053535-$).did. or (US-6175641-$ or US-3639905-$ or US-6898299-$ or US-5594806-$ or US-6914517-$ or US-4394773-$ or US-5745046-$ or US-6011860-$ or US-7184581-$ or US-6314195-$ or US-6647133-$ or US-5990804-$ or US-6501284-$ or US-6144757-$ or US-4771268-$ or US-5541580-$ or US-6181808-$ or US-5963679-$ or US-5311550-$).did. or (WO-2005058160-$).did.
S71	2	S70 and ((rectang$4 or square) adj2 (pulse or wave))
S72	4	S70 and "low pass"